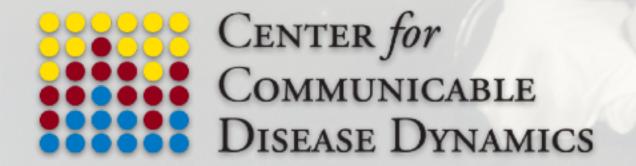
Infectious disease epidemiology

Stephen Kissler
Postdoctoral Fellow, Harvard T.H. Chan School of Public Health
Department of Epidemiology

EPI208: Introduction to Clinical Epidemiology 11 August 2022

Slides: https://kisslerlab.github.io/talks/





What are communicable diseases?

Epidemiology

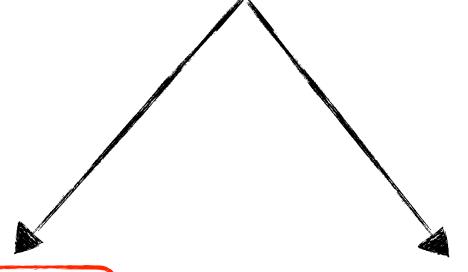
The study of the <u>external processes</u> that lead to disease (*Epi + Demos*: Upon the people)

Infectious disease

Generated by an <u>organism</u> (obeys Koch's postulates)

Non-infectious disease

Generated by an <u>environmental hazard</u> or other natural physiologic process



Communicable

Spread principally <u>between people</u> (COVID-19, influenza, HIV)

Non-communicable

Acquired principally <u>from the environment</u> (Tetanus, botulism)